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How WISE Points to Future Far-Infrared Missions

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Abstract: Based on the tantalizing science that is emerging from the first WISE discoveries, we consider the impact that the future will bring to far-infrared mission concepts. What we've learned from WISE gives us new investigations for missions like SPICA and SPIRIT. We highlight the new results from WISE and incorporate that into the context of the Far-Infrared Community Plan and the recent New Worlds, New Horizons documents.

Plain-Language Abstract: Based on tantalizing science emerging from the first WISE discoveries, what we've learned gives us new investigations for missions like SPICA and SPIRIT. We highlight the new results from WISE and incorporate that into the context of the Far-Infrared Community Plan and the recent New Worlds, New Horizons documents.

Linking Groups (Complete): None selected

Category (Complete): 37. Instrumentation: Space Missions

Preplanned Sessions (Complete):

Preplanned Session: SPICA (Bradford, Accepting Orals and Posters)

Presentation Preference (Complete): &nbsp;Poster

Additional Info (Complete):

Has this work has been submitted in any form to a journal or preprint server, or if you expect it to be submitted between now and the meeting? : No

Is this your first presentation at an AAS Meeting?: No

Student Status: None

(1) Area of Expertise: 26. Starburst Galaxies

(2) Area of Expertise: 32. Cosmology

I am willing to serve as a Chair: Yes

(3) Area of Expertise: 38. Instrumentation: Ground Based or Airborne